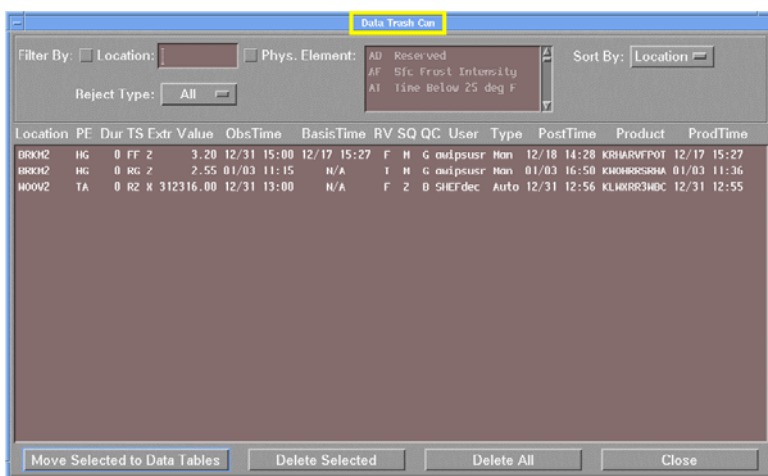
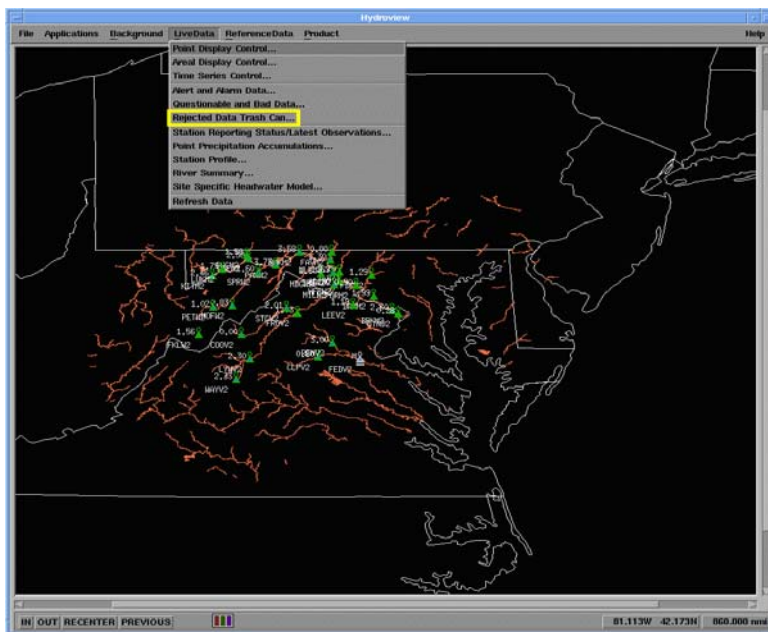


## Quality Control and Alert/Alarm Limits (version 5.1.2)

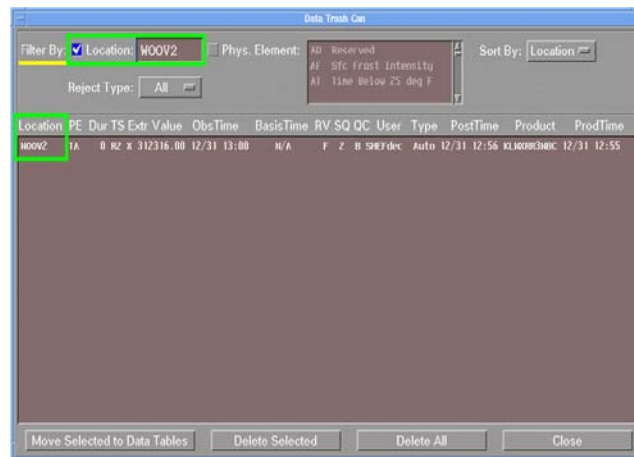
### Rejected Data Trash Can

The Rejected Data Trash<sup>1</sup> Can window can be used to display manually or automatically rejected observations, move them to data tables, or delete them from the system. The user can access this display from the **Root Window** in HydroView by clicking on the **LiveData** pull down menu. Click on **Rejected Data Trash Can**. Data that are not removed or deleted from this list are purged by the system after the retention period has elapsed. (See HydroBase purge parameter)

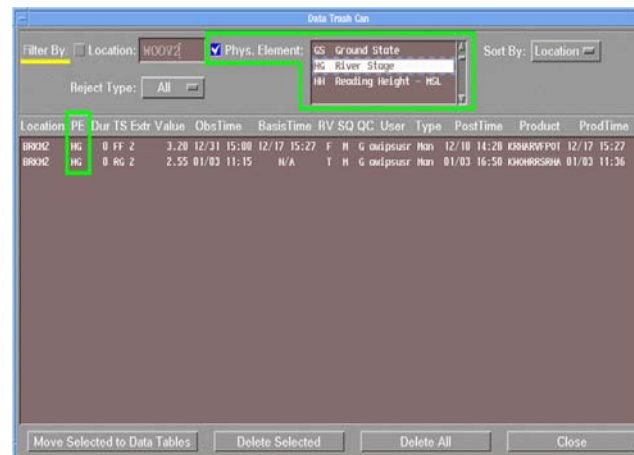


<sup>1</sup> Data flagged as bad may be viewed in the Rejected Data window. A shef token defined in the /awips/hydroapps/.Apps\_defaults or /awips/hydroapps/.Apps\_default\_site file is used to determine if data flagged as bad is posted to the rejected data table or the actual physical element table in the database.

The user can filter rejected data by clicking on **Filter By:** options. The default is to display all locations. He/She can checkmark **Location** (type in the location id)



or checkmark **Phys.Element** (select a physical element from the list).



The user may filter based on both location and physical element, too, if so desired.



The **Sort By:** option allows the user to display the data in a specified order (location or time).

The screenshot shows the 'Data Trash Can' window. The 'Filter By' section has 'Location' selected with 'BRKM2' in the text box. The 'Phys. Element' list shows 'GR Frost Report', 'GS Ground State', and 'RG River Stage'. The 'Reject Type' is set to 'All'. The 'Sort By' dropdown menu is open, showing 'Location' and 'Time' options, with 'Location' selected. The data table below shows three rows of rejected observations.

Location	PE	Dur	TS	Extr	Value	ObsTime	BasisTime	RV	SQ	QC	User	Type	PostTime	Product	ProdTime
BRKM2	HG	0	RG	Z	2.55	01/03 11:15	N/A	T	M	G	awipsusr	Man	01/03 16:50	KHOHRRSRHA	01/03 11:36
BRKM2	HG	0	FF	Z	3.20	12/31 15:00	12/17 15:27	F	M	G	awipsusr	Man	12/18 14:28	KRHARVFPOT	12/17 15:27
WO0V2	TA	0	RZ	X	312316.00	12/31 13:00	N/A	F	Z	B	SHEFdec	Auto	12/31 12:56	KLWRRR3MBC	12/31 12:55

The **Reject Type:** option is used to display *All*, *Auto*, or *Manually* rejected observations in the list.

The screenshot shows the 'Data Trash Can' window with the 'Reject Type' dropdown menu open, showing 'All', 'Auto', and 'Manual' options, with 'All' selected. The 'Sort By' dropdown is still set to 'Time'. The data table below shows three rows of rejected observations.

Location	PE	Dur	TS	Extr	Value	ObsTime	BasisTime	RV	SQ	QC	User	Type	PostTime	Product	ProdTime
BRKM2	HG	0	RG	Z	2.55	01/03 11:15	N/A	T	M	G	awipsusr	Man	01/03 16:50	KHOHRRSRHA	01/03 11:36
BRKM2	HG	0	FF	Z	3.20	12/31 15:00	12/17 15:27	F	M	G	awipsusr	Man	12/18 14:28	KRHARVFPOT	12/17 15:27
WO0V2	TA	0	RZ	X	312316.00	12/31 13:00	N/A	F	Z	B	SHEFdec	Auto	12/31 12:56	KLWRRR3MBC	12/31 12:55

**PE** - physical element

**Dur** - duration code

**TS** - type source

**Ext** - extremum

**Value** - observed value

**BasisTime** - date and time when a forecast was made for forecast data

**RV** - revision or not to the data: T = revised, F = no revision

**SQ** - SHEF qualifier

QC - quality control code: Q = questionable, B = bad, G = good

**User** - the system that was used to check the data (awipsusr, SHEFdec)

**Type** - type that checked the data (manual or auto)

**PostTime** - date and time that data was posted to database

**Product** - product id

**ProductTime** - data and time of the product

Data Trash Can

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Filter By: ☐ Location:  ☐ Phys. Element: 

AD Reserved  
AF Sfc Frost Intensity  
AT Time Below 25 deg F

Reject Type:

Sort By:

Location	PE	Dur	TS	Extr	Value	ObsTime	BasisTime	RV	SQ	QC	User	Type	PostTime	Product	ProdTime
BRKM2	HG	0	FF	Z	3.20	12/31 15:00	12/17 15:27	F	M	G	awipsusr	Man	12/18 14:28	KRHARVFPOT	12/17 15:27
BRKM2	HG	0	RG	Z	2.55	01/03 11:00	N/A	T	M	G	awipsusr	Man	01/03 17:08	KNOHRRSRHA	01/03 11:36
BRKM2	HG	0	RG	Z	2.55	01/03 10:45	N/A	T	M	G	awipsusr	Man	01/03 17:08	KNOHRRSRHA	01/03 11:36
HOOV2	TA	0	RZ	X	312316.00	12/31 13:00	N/A	F	Z	B	SHEFdec	Auto	12/31 12:56	KLWXRR3WBC	12/31 12:55

The table displays the list of rejected observations. The user has a couple of options in editing the rejected data list. **Move Selected to Data Tables** option allows the user to move the selected item (highlight item by clicking on it in the table) from the trash to the appropriate physical element table. It will do so automatically. The data can be deleted individually by highlighting the item and then clicking on **Delete Selected**. Clicking on **Delete All** will delete all items on the list from the system. To exit the window click on **Close**.

The screenshot shows the 'Data Trash Can' window. At the top, there are filter options: 'Filter By: Location' (with a dropdown) and 'Phys. Element' (with a list box containing 'AD Reserved', 'AF Sfc Frost Intensity', and 'AT Time Below 25 deg F'). There is also a 'Sort By: Location' dropdown. Below these is a 'Reject Type: All' dropdown. The main area contains a table of rejected observations. The second row is highlighted in blue. Overlaid on the table is a 'Delete Confirmation' dialog box with the text 'Do you wish to delete this record?' and 'OK' and 'Cancel' buttons.

Location	PE	Dur	TS	Extr	Value	ObsTime	BasisTime	RV	SQ	QC	User	Type	PostTime	Product	ProdTime
BRKM2	HG	0	FF	Z	3.20	12/31 15:00	12/17 15:27	F	M	G	awipsusr	Man	12/18 14:28	KRHARVFPOT	12/17 15:27
BRKM2	HG	0	RG	Z	2.55	01/03 11:00	N/A	T	M	G	awipsusr	Man	01/03 17:08	KNOHRRSRHA	01/03 11:36
BRKM2	HG	0	RG	Z	2.55	01/03 10:45	N/A	T	M	G	awipsusr	Man	01/03 17:08	KNOHRRSRHA	01/03 11:36
WOOV2	TA	0	RZ	X	312316.00	12/31 13:00	N/A	F	Z	B	SHEFdec	Auto	12/31 12:56	KLWRRR3WBC	12/31 12:55

At the bottom of the window are four buttons: 'Move Selected to Data Tables', 'Delete Selected' (highlighted in red), 'Delete All', and 'Close'.

This screenshot shows the 'Data Trash Can' window after the 'Delete Confirmation' dialog has been closed. The table of rejected observations is still visible, but the second row is no longer highlighted. The 'Delete Selected' button at the bottom is now disabled (grayed out). The other buttons ('Move Selected to Data Tables', 'Delete All', and 'Close') are still active.

Location	PE	Dur	TS	Extr	Value	ObsTime	BasisTime	RV	SQ	QC	User	Type	PostTime	Product	ProdTime
BRKM2	HG	0	FF	Z	3.20	12/31 15:00	12/17 15:27	F	M	G	awipsusr	Man	12/18 14:28	KRHARVFPOT	12/17 15:27
BRKM2	HG	0	RG	Z	2.55	01/03 10:45	N/A	T	M	G	awipsusr	Man	01/03 17:08	KNOHRRSRHA	01/03 11:36
WOOV2	TA	0	RZ	X	312316.00	12/31 13:00	N/A	F	Z	B	SHEFdec	Auto	12/31 12:56	KLWRRR3WBC	12/31 12:55

At the bottom of the window are four buttons: 'Move Selected to Data Tables' (highlighted in red), 'Delete Selected' (disabled), 'Delete All' (highlighted in red), and 'Close' (highlighted in red).